

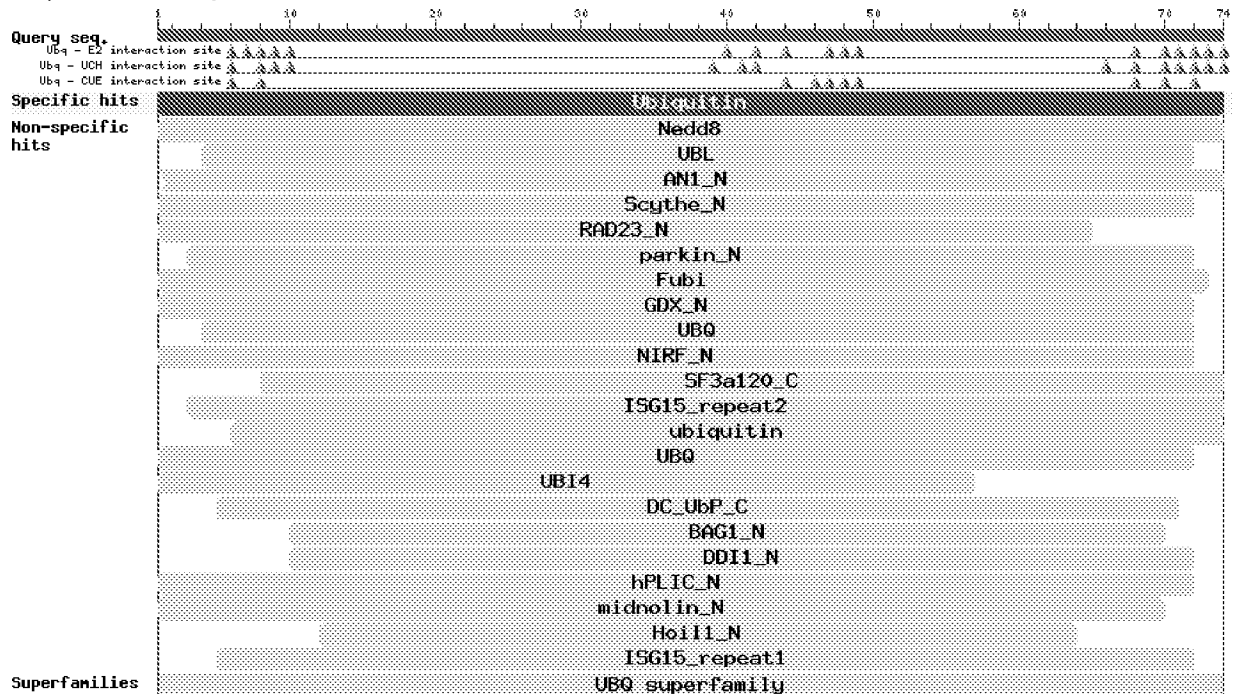
Conserved domains on [gil1092926|prfl12102234A]

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ubiquitin

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?

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List of domain hits

?

	Description	Pssmld	Multi-dom	E-value
{*}cd01803, Ubiquitin, Ubiquitin (includes Ubq/RPL40e and Ubq/RPS27a fusions as well as homopolymeric...		29205	no	1e-32
{*}cd01806, Nedd8, Nedd8 (also known as Rub1) has a single conserved ubiquitin-like domain that is part of...		29208	no	2e-19
{*}cd01769, UBL, UBLs function by remodeling the surface of their target proteins, changing their target'...		29171	no	7e-18
{*}cd01802, AN1_N, AN1 (also known as ANUBL1 and RSD-7) is ubiquitin-like protein with a testis-specific...		29204	no	2e-15
{*}cd01809, Scythe_N, Scythe protein (also known as Bat3) is an apoptotic regulator that is highly conserved...		29211	no	7e-12
{*}cd01805, RAD23_N, RAD23 belongs to a family of adaptor molecules having affinity for both the proteasome...		29207	no	1e-11
{*}cd01798, parkin_N, parkin_N parkin protein is a RING-type E3 ubiquitin ligase with an amino-terminal...		29200	no	4e-11
{*}cd01793, Fubi, Fubi is a ubiquitin-like protein encoded by the fau gene which has an N-terminal...		29195	no	4e-10
{*}cd01807, GDX_N, GDX contains an N-terminal ubiquitin-like domain as well as an uncharacterized c...		29209	no	8e-10
{*}cd00196, UBQ, Ubiquitin homologs; Includes ubiquitin and ubiquitin-like proteins. Ubiquitin-mediated...		29159	no	3e-09
{*}cd01797, NIRF_N, NIRF_N This CD represents the amino-terminal ubiquitin-like domain of a family of...		29199	no	7e-08
{*}cd01800, SF3a120_C, SF3a120_C Mammalian splicing factor SF3a consists of three subunits of 60, 66, and 120...		29202	no	2e-07
{*}cd01810, ISG15_repeat2, ISG15 is a ubiquitin-like protein containing two ubiquitin homology domains and becomes...		29212	no	2e-06
{*}pfam00240, ubiquitin, Ubiquitin family		109304	no	6e-24
{*}smart00213, UBQ, Ubiquitin homologues; Ubiquitin-mediated proteolysis is involved in the regulated...		47543	no	1e-20
{*}COG5272, UBI4, Ubiquitin [Posttranslational modification, protein turnover, chaperones]		34869	no	2e-07
{*}cd01794, DC_UbP_C, DC_UbP (dendritic cell derived ubiquitin-like protein) is a ubiquitin-like protein from...		29196	no	2e-05
{*}cd01812, BAG1_N, BAG1_N N-terminal ubiquitin-like (Ubl) domain of the BAG1 protein. This domain occurs...		29214	no	2e-05
{*}cd01796, DDI1_N, DDI1_N DDI1 (DNA damage inducible protein 1) has an amino-terminal ubiquitin-like...		29198	no	3e-05
{*}cd01808, hPLIC_N, hPLIC-1 and hPLIC-2 (human homologs of the yeast ubiquitin-like Dsk2 protein) are...		29210	no	5e-05
{*}cd01804, midnolin_N, midnolin_N Midnolin (midbrain nucleolar protein) is expressed in the nucleolus and is...		29206	no	3e-04
{*}cd01799, Hoi11_N, HOIL1_N HOIL-1 (heme-oxidized IRP2 ubiquitin ligase-1) is an E3 ubiquitin-protein...		29201	no	6e-04
{*}cd01792, ISG15_repeat1, ISG15 is a ubiquitin-like protein containing two ubiquitin homology domains that...		29194	no	0.001

Blast search parameters

Options: Database: CDD Low complexity filter: yes E-value threshold: 0.010 Max. hits: 50

Data Source: Precalculated data

System: Search creator: newblast Software: blastp 2.2.20+ Service: rpsblast

References:

- {*} Marchler-Bauer A et al. (2007), "CDD: a conserved domain database for interactive domain family analysis.", *Nucleic Acids Res.*35(D)237-240.
- {*} Marchler-Bauer A et al. (2005), "CDD: a Conserved Domain Database for protein classification.", *Nucleic Acids Res.*33(D)192-196.
- {*} Marchler-Bauer A, Bryant SH (2004), "CD-Search: protein domain annotations on the fly.", *Nucleic Acids Res.*32(W)327-331.

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